

CDF Run II Preliminary, $929pb^{-1}$

Lepton + Photon + \cancel{E}_T + b Events

SM Source	$e\gamma b\cancel{E}_T$	$\mu\gamma b\cancel{E}_T$	$(e + \mu)\gamma b\cancel{E}_T$
$t\bar{t}\gamma$ semileptonic	0.98 ± 0.11	0.72 ± 0.081	1.70 ± 0.19
$t\bar{t}\gamma$ dileptonic	0.60 ± 0.065	0.48 ± 0.052	1.08 ± 0.11
$W^\pm c\gamma$	0.29 ± 0.060	0.29 ± 0.058	0.58 ± 0.094
$W^\pm cc\gamma$	0.047 ± 0.020	0.099 ± 0.028	0.15 ± 0.035
$W^\pm bb\gamma$	0.29 ± 0.048	0.20 ± 0.037	0.49 ± 0.069
$Z(\tau\tau)\gamma$	0.12 ± 0.07	0.05 ± 0.05	0.17 ± 0.09
WZ	0.029 ± 0.014	0.0 ± 0.0075	0.029 ± 0.016
$\tau \rightarrow \gamma$ fake	0.06 ± 0.02	0.05 ± 0.02	0.11 ± 0.03
$ee\cancel{E}_T b, e \rightarrow \gamma$	1.05 ± 0.21	–	1.05 ± 0.21
$\mu e\cancel{E}_T b, e \rightarrow \gamma$	–	0.24 ± 0.08	0.24 ± 0.08
Jet faking γ	0.73 ± 0.34	0.46 ± 0.20	1.19 ± 0.54
MisTags	2.85 ± 0.35	1.89 ± 0.26	4.74 ± 0.51
QCD	2.85 ± 1.32	0.0 ± 0.50	2.85 ± 1.41
Predicted	$9.8 \pm 1.4(tot)$	$4.5 \pm 0.6(tot)$	$14.3 \pm 1.6(tot)$
Observed	7	8	15